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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	Newberg
Title	Arbitrary Radar Target Synthesizer (ARTS)
Art Unit	
Examiner Name	
Attorney Docket Number	PD-02W200

I hereby appoint:

☐ Practitioners at Customer Number
Place Customer  
Number Bar Code  
Label here

OR

☒ Practitioner(s) named below:

Name	Registration Number
Leonard A. Alkov	30,021
Glenn H. Lenzen, Jr.	29,230
John E. Gunther	43,649
William C. Schubert	30,102

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

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OR

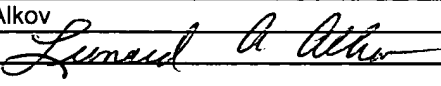
☒ Practitioners at Customer Number.
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Number Bar Code  
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OR

<input checked="" type="checkbox"/> Firm or Individual Name	Leonard A. Alkov				
Address	Raytheon Company				
Address	P.O. Box 902 (E4/N119)				
City	El Segundo	State	CA	Zip	90245-0902
Country	USA				
Telephone	310.647.2577	Fax	310.647.2616		

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name	Leonard A. Alkov		
Signature			
Date	03/11/2004	Telephone	310.647.2577

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
with Initial  
Filing

OR



Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

PD-02W200

First Named Inventor

Newberg

**COMPLETE IF KNOWN**

Application Number

Filing Date

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Arbitrary Radar Target Synthesizer (ARTS)

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

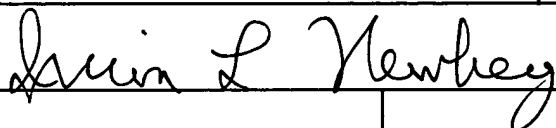
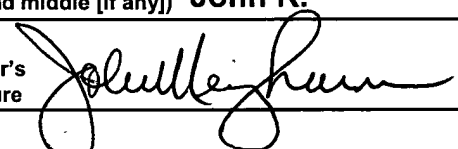


Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 3]

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/> Customer Number or Bar Code Label		OR <input checked="" type="checkbox"/> Correspondence address below	
Name <b>Leonard A. Alkov, Esq.</b>			
Address <b>Raytheon Company</b> <b>P.O. Box 902 (E4/N119)</b>			
City <b>El Segundo</b>		State <b>CA</b>	ZIP <b>90245-0902</b>
Country <b>USA</b>	Telephone <b>310.647.2577</b>		Fax <b>310.647.2616</b>
<small>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</small>			
NAME OF SOLE OR FIRST INVENTOR :		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <b>Irwin L.</b>		Family Name or Surname <b>Newberg</b>	
Inventor's Signature 		Date <b>3/04/04</b>	
Residence: City <b>Pacific Palisades</b>	State <b>CA</b>	Country <b>USA</b>	Citizenship <b>USA</b>
Mailing Address <b>702 Palisades Drive</b>			
City <b>Pacific Palisades</b>	State <b>CA</b>	ZIP <b>90272-2800</b>	Country <b>USA</b>
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <b>John K.</b>		Family Name or Surname <b>Keigharn</b>	
Inventor's Signature 		Date <b>3/9/04</b>	
Residence: City <b>Rancho Palos Verdes</b>	State <b>CA</b>	Country <b>USA</b>	Citizenship <b>USA</b>
Mailing Address <b>4918 Elkrigde Drive</b>			
City <b>Rancho Palos Verdes</b>	State <b>CA</b>	ZIP <b>90275-3906</b>	Country <b>USA</b>
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (3-97)  
Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 3\_\_ of \_3

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Jonathan D.				Gordon			
Inventor's Signature	<i>Jonathan D. Gordon</i>			3/10/04		Date	
Residence: City	Hermosa Beach	State	CA	Country	USA	Citizenship	USA
Post Office Address	430 Ocean View Avenue						
Post Office Address							
City	Hermosa Beach	State	CA	ZIP	90254-4831	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Garin S.				Bircsak			
Inventor's Signature	<i>Garin S. Bircsak</i>			10 MAR 03		Date	
Residence: City	No. Hollywood	State	CA	Country	USA	Citizenship	USA
Post Office Address	11813 Hartsook Street						
Post Office Address							
City	No. Hollywood	State	CA	ZIP	91607-3215	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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